

Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Please amend the claims as follows:

1.-29. (Cancelled)

30. (Previously Presented) A Raney copper catalyst with an average particle size of from 5 μm to 65 μm , which is doped with at least one doping metal selected from the group consisting of iron and/or noble metals.

31. (Previously Presented) The Raney-copper catalyst according to claim 30, which is an alloy containing copper and aluminum and, prior to activation, contains more than 50% Cu so that the catalyst contains more residual aluminum than normally found under the same activation conditions.

32. (Previously Presented) The Raney-copper catalyst according to claim 30, wherein the doping metal is a member selected from the group consisting of iron, palladium, platinum, gold, rhenium, silver, iridium, ruthenium, rhodium and mixtures thereof.

33. (Previously Presented) The Rainey-copper catalyst according to claim 32, wherein the doping metal is present in an amount of 10 ppm to 5 wt% based on the catalyst.

34. (Previously Presented) The Rainey-copper catalyst according to claim 31, wherein the catalyst has at least one of mesopores or macropores, but no micropores.

35. (Previously Presented) The Rainey-copper catalyst with an average particle size of from 5 μm to 65 μm , which is an alloy of copper and aluminum and prior to activation, is heat treated in air at temperatures higher than 500°C.

36. (Previously Presented) The Rainey-copper catalyst according to claim 30, which is an alloy of copper and aluminum and is heat treated in air at temperatures higher than 500°C before activation.

37. (Previously Presented) The Raney-copper catalyst according to claim 31, wherein the alloy is heat treated in air at temperatures higher than 500°C before activation.

38. (Previously Presented) The Raney-copper catalyst according to claim 32, which is an alloy and said alloy is heat treated in air at temperatures higher than 500°C before activation.

39. (New) A Raney copper catalyst of the formula 50% Cu : 50% Al having an average particle size of from 5 μm to 65 μm which is doped with either iron or platinum.